

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Millennium Pharmaceuticals, Inc.

Application No./Patent No.: 10/741,790 Filed/Issue Date: December 19, 2003

Entitled: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER USES

Millennium Pharmaceuticals, Inc., a a Delaware corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012021, Frame 0274, or for which a copy thereof is attached.

OR

B ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

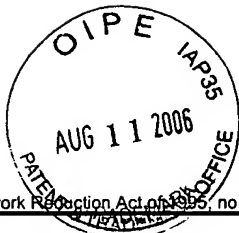
Jean M. Silveri
Signature
Jean M. Silveri
Printed or Typed Name

August 8, 2006
Date
617-679-7336
Telephone Number

Associate General Counsel
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/81 (04-05)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/741,790
Filing Date	December 19, 2003
First Named Inventor	Christopher C. Fraser
Title	NOVEL GENES ENCODING PROTEINS HAV
Art Unit	1646
Examiner Name	Jiang, Dong
Attorney Docket Number	MPI00-535OMNICN1M

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

30405

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

30405

☐ Firm or
Individual Name

Address

City

State

Zip

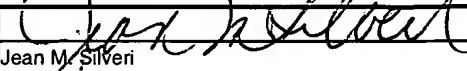
Country

Telephone

Email

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Signature		Date	August 8, 2006
Name	Jean M. Silveri	Telephone	617-679-7336
Title and Company	Associate General Counsel. Millennium Pharmaceuticals, Inc.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Washington, D.C. 20231

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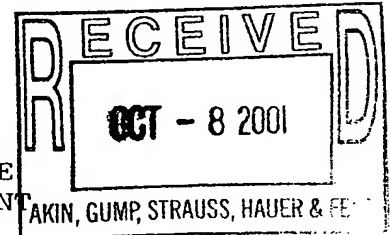
OCTOBER 02, 2001

PTAS

AKIN, GUMB, STRAUSS, HAUER, ET AL
GARY D. COLBY PH.D., J.D.
ONE COMMERCE SQUARE - 2005 MARKET STREET
SUITE 2200
PHILADELPHIA, PA 19103



101796063A



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/27/2001

REEL/FRAME: 012021/0274
NUMBER OF PAGES: 14

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FRASER, CHRISTOPHER

DOC DATE: 06/18/2001

ASSIGNOR:

BARNES, THOMAS M.

DOC DATE: 06/19/2001

ASSIGNOR:

HOLTZMAN, DOUGLAS A.

DOC DATE: 06/19/2001

ASSIGNOR:

GOODEARL, ANDREW D.J.

DOC DATE: 06/19/2001

ASSIGNOR:

SHARP, JOHN D.

DOC DATE: 06/20/2001

ASSIGNOR:

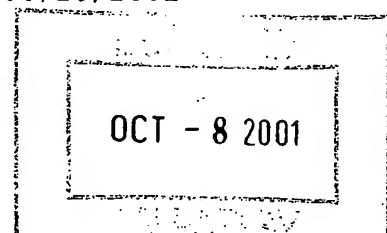
LEIBY, KEVIN R.

DOC DATE: 06/20/2001

ASSIGNOR:

WRIGHTON, NICHOLAS

DOC DATE: 06/20/2001



012021/0274 PAGE 2

ASSIGNOR:

MACKAY, CHARLES R.

DOC DATE: 06/28/2001

ASSIGNOR:

MYERS, PAUL S.

DOC DATE: 06/28/2001

ASSIGNOR:

MCCARTHY, SEAN A.

DOC DATE: 07/02/2001

ASSIGNOR:

KIRST, SUSAN J.

DOC DATE: 07/10/2001

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.
75 SIDNEY STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 09759130

FILING DATE: 01/12/2001

PATENT NUMBER:

ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

03-02-2001

FORM PTO-1595 (Modified)
1-31-92U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office101796063
PATENT IS ONLY

ER SHEET

Attorney Docket
No.: 10147-66US

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

07/27/01

Christopher C. Fraser
Thomas M. Barnes
John D. Sharp
Susan J. Kirst
Paul S. Myers
Kevin R. LeibyDouglas A. Holtzman
Sean A. McCarthy
Nicholas Wrighton
Charles R. Mackay
Andrew D.J. Goodearl

2. Name and address of receiving party(ies):

Millennium Pharmaceuticals, Inc.
75 Sidney Street
Cambridge, MA 02139

A Massachusetts Corporation

JUL 27 2001

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: Christopher C. Fraser - 6/18/01; Thomas M. Barnes, Douglas A. Holtzman, Andrew D.J. Goodearl - 6/19/01; John D. Sharp, Kevin R. Leiby, Nicholas Wrighton - 6/20/01; Charles R. Mackay - 6/25/01; Paul S. Myers - 6/28/01; Sean A. McCarthy - 7/2/01; Susan J. Kirst - 7/10/01

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

09/759,130 filed January 12, 2001

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence document should be mailed:

GARY D. COLBY, Ph.D., J.D.
AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.
One Commerce Square - 2005 Market Street - Suite 2200
Philadelphia, PA 19103
Telephone: (215) 965-1200
Direct Dial: (215) 965-1285
Facsimile: (215) 965-1210
E-Mail: gcolby@akingump.com

6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41) Cal. 1 x \$40.00 = \$40.00

☒ Check enclosed
☒ Authorized to charge to deposit account for any underpayment or to credit deposit account for any overpayment.

8. Deposit account number: 50-1017

(Billing No.: 210147.0066)

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

08/01/2001 6TON11 00000107 09759130

01 FC:581

40.00 0P

Gary D. Colby, Ph.D., J.D.

Name of Person Signing

Signature

Reg. No. 40,961

Date

25 July 2001

Total number of pages including cover sheet, attachments and document: [14]

For: U.S. Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

Christopher C. Fraser
~~52 Grassland Street~~ *LAKE STREET*
Lexington, MA 02421
Nationality: Canada

Douglas A. Holtzman
821 Centre Street, No. 6
Jamaica Plain, MA 02130
Nationality: United States of America

Thomas M. Barnes
12 Mason Terrace
Brookline MA 02446
Nationality: Australia

Sean A. McCarthy
3625 Dupont Street
San Diego, CA 92106
Nationality: United Kingdom

John D. Sharp
245 Park Avenue
Arlington, MA 02476
Nationality: United States of America

Nicholas Wrighton
18 Lloyd Street
Winchester, MA 01890
Nationality: British

Susan J. Kirst
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Nationality: Australia

Paul S. Myers
14 Cornelius Way
Cambridge, MA 02141
Nationality: United States of America

Andrew D.J. Goodearl
13 Indian Ridge Road
Natick, MA 01760
Nationality: United States of America

Kevin R. Leiby
4 Skowhegan Way
Natick, MA 01760
Nationality: United States of America

hereby sell, assign and transfer to

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.

75 Sidney Street

Cambridge, MA 02139

State of Incorporation: Delaware

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and all foreign countries in and to inventions described in the patent application entitled:

**NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC,
PREVENTIVE, THERAPEUTIC, AND OTHER USES**

and which is found in (37 C.F.R. section 3.21) U.S. application no. 09/759,130 filed on January 12, 2001 and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein.

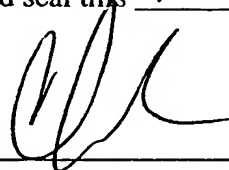
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant for ourselves and our executors and administrators that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS, their executors and administrators and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof and to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements.

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN WITNESS WHEREOF, I have hereunto set hand and seal this 18th day of June.

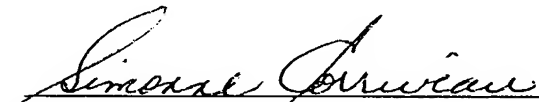
Date: X June 18, 2001

X 
Signature of Christopher C. Fraser

NOTARIZATION ACCOMPANYING ASSIGNMENT

State/Commonwealth of Massachusetts
County of Middlesex

Before me this 18th day of June 2001, personally appeared the above named **Christopher C. Fraser**, to me known to be the person described in, and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.


Signature of Notary Public
Simone Corriveau
Print Name
My Commission expires: 9/1/2006

IN WITNESS WHEREOF, I have hereunto set hand and seal this 20th day
of JUNE, 2001.

Date: X 6-20-01

x John D. Sharp
Signature of John D. Sharp

NOTARIZATION ACCOMPANYING ASSIGNMENT

State/Commonwealth of Massachusetts
County of Middlesex

Before me this 20th day of June 2001, personally appeared the above
named **John D. Sharp**, to me known to be the person described in, and who executed the
foregoing assignment instrument and acknowledged to me that he executed the same of his own
free will for the purpose therein expressed.

Simonne Cariveau
Signature of Notary Public
Simonne Cariveau

Print Name

My Commission expires: 9/1/2006

IN WITNESS WHEREOF, I have hereunto set hand and seal this 10 day
of July, 2001.

Date: X 10 July 2001

X Susan J. Kirst
Signature of Susan J. Kirst

NOTARIZATION ACCOMPANYING ASSIGNMENT

State/Commonwealth of Massachusetts
County of Norfolk

Before me this 10 day of July 2001, personally appeared the above
named **Susan J. Kirst**, to me known to be the person described in, and who executed the
foregoing assignment instrument and acknowledged to me that she executed the same of her own
free will for the purpose therein expressed.

Allin
Signature of Notary Public

Print Name Lorina Allin
My Commission expires: _____

LORINA G. ALLIN
NOTARY PUBLIC
MY COMMISSION EXPIRES APRIL 11, 2008

IN WITNESS WHEREOF, I have hereunto set hand and seal this 28th day
of June, 2001,

Date: X 6/28/01

X Paul Myers
Signature of Paul S. Myers

NOTARIZATION ACCOMPANYING ASSIGNMENT

State/Commonwealth of Massachusetts

County of Norfolk

Before me this 28th day of June, 2001, personally appeared the above
named **Paul S. Myers**, to me known to be the person described in, and who executed the
foregoing assignment instrument and acknowledged to me that he executed the same of his own
free will for the purpose therein expressed.

Lena M. Bergfors
Signature of Notary Public

Lena M. Bergfors
Print Name

My Commission expires: 3/31/06

IN WITNESS WHEREOF, I have hereunto set hand and seal this 20th day
of June, 2001.

Date: 6-20-01

+ Kevin R. Leiby
Signature of Kevin R. Leiby

NOTARIZATION ACCOMPANYING ASSIGNMENT

State/Commonwealth of Massachusetts
County of Middlesex

Before me this 20th day of June 2001, personally appeared the above
named **Kevin R. Leiby**, to me known to be the person described in, and who executed the
foregoing assignment instrument and acknowledged to me that he executed the same of his own
free will for the purpose therein expressed.

Simone Corriveau
Signature of Notary Public
Simone Corriveau
Print Name
My Commission expires: 9/1/2006

IN WITNESS WHEREOF, I have hereunto set hand and seal this 19th day
of JUNE, 2001.

Date: X 19 June 2001

X AC Goodearl
Signature of Andrew D.J. Goodearl

Witness

Address

Witness

Address

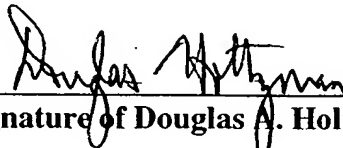
State/Commonwealth of Massachusetts
County of Middlesex

Before me this 19th day of June, 2001, personally appeared the above named
ANDREW D.J. GOODEARL, *TO ME KNOWN to be the person described in, and who executed
the foregoing assignment instrument and acknowledged to me that he executed the
same of his own free will for the purpose therein expressed.

Simonne Corriveau
Notary Public - Simonne Corriveau
My Commission expires: 9/1/2006

IN WITNESS WHEREOF, I have hereunto set hand and seal this 19th day
of JUNE, 2001.

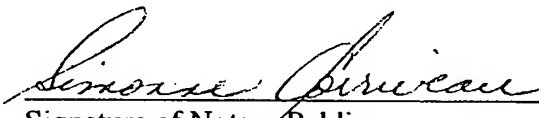
Date: x 6/19/01

x 
Signature of Douglas A. Holtzman

NOTARIZATION ACCOMPANYING ASSIGNMENT

State/Commonwealth of Massachusetts
County of Middlesex

Before me this 19th day of June 2001, personally appeared the above
named **Douglas A. Holtzman**, to me known to be the person described in, and who executed the
foregoing assignment instrument and acknowledged to me that he executed the same of his own
free will for the purpose therein expressed.


Signature of Notary Public
Simone CORRIVEAU
Print Name
My Commission expires: 9/1/2006

IN WITNESS WHEREOF, I have hereunto set hand and seal this 2nd day
of July, 2001.

Date: X 7/2/01

X SMC
Signature of Sean A. McCarthy

X [Signature]
Witness

X 4605 Campus Ave #3 San Diego CA 92116
Address

X Gason Adams
Witness

X 4317 Maryland St. San Diego, CA 92103
Address

State/Commonwealth of Massachusetts
County of Middlesex

Before me this 2 day of July, 2001, personally appeared the
above named Sean A. McCarthy, to me known to be the person described in, and
who executed the foregoing assignment instrument and acknowledged to me that
he executed the same of his own free will for the purpose therein expressed.

Signature of Notary Public

4: J AS
Print Name

My Commission expires 10-1-02

IN WITNESS WHEREOF, I have hereunto set hand and seal this 20th day
of JUNE, 2001.

Date: X 6/20/01

X Nicholas W
Signature of Nicholas Wrighton

NOTARIZATION ACCOMPANYING ASSIGNMENT

State/Commonwealth of Massachusetts
County of Norfolk

Before me this 20th day of June, 2001, personally appeared the above
named **Nicholas Wrighton**, to me known to be the person described in, and who executed the
foregoing assignment instrument and acknowledged to me that he executed the same of his own
free will for the purpose therein expressed.

Len M. Berg
Signature of Notary Public
Len M. Bergfors
Print Name
My Commission expires: 3/31/06

IN WITNESS WHEREOF, I have hereunto set hand and seal this 19th day
of June, 2001.

Date: X June 19 2001

X Thomas M Barnes
Signature of Thomas M. Barnes

NOTARIZATION ACCOMPANYING ASSIGNMENT

State/Commonwealth of Massachusetts
County of Middlesex

Before me this 19th day of June 2001, personally appeared the above
named **Thomas M. Barnes**, to me known to be the persons described in, and who executed the
foregoing assignment instrument and acknowledged to me that he executed the same of his own
free will for the purpose therein expressed.

Simonne Corriveau
Signature of Notary Public
Simonne CORRIVEAU
Print Name
My Commission expires: 9/1/2006

(Assignment of Invention--Multiple Inventors--page 13 of 13)
MPI2000-535OMNI